

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Alpinia officinarum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	STARCH	Rhizome	200000.0	250000.0	-1.1706719629335678	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	EO	Rhizome	3000.0	10000.0	-0.5317116167359565	--
5	KAEMPFERIDE	Rhizome	600.0	800.0		--
0	KAEMPFERID	Rhizome	600.0	800.0		--
76	EUGENOL	Rhizome	90.0	400.0	-0.6979831170877149	--
16	P-CYMENTE	Rhizome				Wealth of India.
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-PHENYLHEPT-4-EN-3-ONE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	1,7-DIPHENYL-5-HYDROXY-3-HEPTANONE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	7-(4''-HYDROXY-3'-METHOXY-PHENYL)-PHENYLHEPT-3,5-DIONE	Rhizome		1.6		--
13	BETA-PINENE	Rhizome				Wealth of India.
0	1,7-DIPHENYL-5-HYDROXYHEPTAN-3-ONE	Rhizome				--
0	GALANGOL	Rhizome				--
2	METHYL-ISOVALERATE	Rhizome				Wealth of India.
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYLHEPT-4-EN-3-ONE	Rhizome		48.0		--
0	5-METHOXYPHENYL-7-(4''-HYDROXYPHENYL)-HEPTAN-3-ONE	Rhizome		4.0		--
5	BETA-ELEMENE	Rhizome				Wealth of India.
3	FLUORIDE	Rhizome		5.4	-1.0	--
0	GALANGIN-3-METHYL-ETHER	Rhizome				--
60	LIMONENE	Rhizome				Wealth of India.
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYL-3,5-HEPTADIONE	Rhizome				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	5-METHOXY-7-(4'-HYDROXY-3''-METHOXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		12.0		--
0	7-HYDROXY-3,5-DIMETHOXYFLAVONE	Rhizome				Wealth of India.
0	5-EPIHEXAHYDROCURCUMIN	Rhizome		5.0		--
13	GALANGIN	Rhizome		1000.0		--
75	KAEMPFEROL	Rhizome				--
0	5-METHOXY-7-(4'-HYDROXY-3'METHOXYPHENYL)-1-PHENYL-3-HEPTA...	Plant				--
0	5-METHOXY-1,7-DIPHENYLHEPTAN-3-ONE	Rhizome		110.0		--
0	TRANS-ALPHA-BERGAMOTENE	Rhizome				Wealth of India.
11	ISORHAMNETIN	Rhizome				Wealth of India.
0	5-HYDROXY-7-(4-HYDROXY-3-METHOXYPHENYL)-1-PHENYL-HEPTANONE	Plant				--
0	5-HYDROXY-7-(4''-HYDROXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		30.0		--
53	LINALOOL	Rhizome				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
23	TERPINEN-4-OL	Rhizome				Wealth of India.
0	GINGEROLS	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	5-HYDROXY-7-(4'-HYDROXYPHENYL)1-PHENYL-3-HEPTANONE	Rhizome				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Goeikagaku Kaishi 61(9): 1119-1122.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	5-HYDROXY-7-(4"-HYDROXY-3"-METHOXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		367.0		--
35	TANNIN	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	STEROLS	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	DIOXYFLAVONAL	Plant				--
0	5-HYDROXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-PHENYL-3-HEPTANONE	Plant				--
0	GAMMA-CADINENE	Rhizome				Wealth of India.
0	5-HYDROXY-1-PHENYL-7-(4"-HYDROXY-3"-METHOXYPHENYL)-HEPTAN-3-ONE	Rhizome		330.0		--
7	RHAMNOCITRIN	Rhizome				Wealth of India.
0	DIHYDROYASHABUSHIKETOL	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	5-HYDROXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYL-3-HEPT...	Plant				--
0	DIARYLHEPTANOIDS	Rhizome				--
0	5-HYDROXY-1,7-DIPHENYLHEPTAN-3-ONE	Rhizome		137.0		--
5	METHYL-CINNAMATE	Plant				--
2	QUERCETIN-3'-METHYLETHER	Rhizome				Wealth of India.
0	D-ALPHA-PINENE	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	3,5,7-TRIHYDROXYFLAVONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	5-EPIDIHYDROYASHABUSHI KETOL	Rhizome		65.0		--
9	DELTA-CADINENE	Rhizome				Wealth of India.
0	1-PHENYL-7-(4"-HYDROXYPHENYL)-HEPT-4-EN-3-ONE	Rhizome		8.0		--
14	MANGANESE	Plant				--
176	QUERCETIN	Rhizome				--
0	ALPINOL	Rhizome				--
67	1,8-CINEOLE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	YAKUCHINONE	Rhizome				--
41	CAMPHOR	Rhizome				Wealth of India.
0	1-PHENYL-7-(4'-HYDROXY-3'-METHOXYPHENYL)-HEPTAN-3-ONE	Rhizome				--
0	LINALOL	Rhizome				--
1	PHENYL-ALKYL-KETONES	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	ALPHA-CADINENE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	1,7-DIPHENYLHEPT-4-EN-3-ONE	Rhizome				--
0	IZALPIN	Rhizome				--
9	CAMPHENE	Rhizome				Wealth of India.
0	1-(4-HYDROXYPHENYL)-7-PHENYLHEPTANE-3,5-DIOL	Rhizome		10.0		--